

APPARATUS AND METHOD TO CONTROL FORCE EXERTED ON STEAM TURBINES BY INLET PIPES

Abstract of Disclosure

A steam turbine is provided that includes in an exemplary embodiment, a steam inlet pipe coupled to a steam inlet port in a steam turbine housing. At least a portion of the steam inlet pipe is fabricated from at least one of a shape memory alloy having a memorized activated configuration and a negative thermal expansion ceramic having an activated configuration.

Figures